Trimble TerraFlex

SOFTWARE

MOBILE WORKFLOWS YOU CAN TRUST

Trimble® TerraFlex™ software is a flexible and easy-to-use cloud-based solution for field data collection. TerraFlex enables you to create a set of digital form templates so you can collect attribute rich and accurate geo-located GIS and asset information all in one workflow. It offers a valuable set of tools that work in a wide range of applications and industries. Available in two editions—Basic and Advanced—TerraFlex software makes sure your data is up-to-date and reliable.

Quick Template Set Up and Versioning

The drag and drop interface enables efficient form template creation. You can group and organize fields to create simple-to-navigate forms to collect the data you need. Data integrity is ensured as form templates can be edited and rolled out to your team as project requirements change.

Use Your Existing Devices

Remove the need to carry a GPS unit, camera, clipboard, and printed maps by centralizing your data collection operations onto a single device. Supporting multiple devices and platforms, you can work with the handheld of your choice—from a smartphone to high accuracy handheld—and collect data in the same way.

High Accuracy Positioning

When accuracy is important, combine TerraFlex with high-accuracy GNSS solutions such as the Trimble TDC150 handheld, Trimble R1 or R2 GNSS receivers, or the Trimble Catalyst™ service. When paired with an LTI TruPulse® laser rangefinder, TerraFlex enables the capture of feature locations in hard to reach places or those in poor GNSS environments.

Update Existing Data

Ensure all project members are working with the most up-to-date data available with TerraFlex Advanced. Import pre-existing asset or GIS data into projects, make real-time updates in the field, and share that information across the project organization. Your field crews will have the information necessary to make timely and accurate decisions.

Keep in Sync—Save Time, Reduce Errors

Field data is automatically synced with Trimble Connect cloud services, streamlining office operations and driving higher productivity and cost savings. There is no need to return to the office to enter field data and no double-entry by re-typing paper forms. Project updates can be pushed to field crews and data sent back to the office in real-time, ensuring crews are collecting the information you need. TerraFlex is fully functional offline so crews can work even in remote areas with data automatically syncing to the office when they're back in range.

Keep Your Data Organized

TerraFlex provides flexibility to meet your organization's needs by offering multiple form templates for an optimal form fulfillment workflow. Field data collection assignments can be grouped into projects for assigning to individual team members, so information is collected and delivered in a consistent manner.

Equipped for Esri

Using the TerraFlex add-in for ArcMap® you can create projects straight from your Esri® geodatabase and download collected data directly back into it. This eliminates the need to manage import and export processes, leading to greater productivity and higher data quality. The TerraFlex add-in works with both file and enterprise geodatabases and supports features such as versioning, geometric networks, sub-types, and attachments.

Key Features

- ► Fast, efficient geospatial data collection across a fleet of mixed devices
- ► Import and update existing data for up-to-the-minute information
- ► Keep data organized with streamlined data management workflows
- ► Direct integration with the Esri environment for a seamless exchange of data

Trimble.

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TerraFlex Basic Edition	TerraFlex Advanced Edition
If you are looking to collect new data in the field, TerraFlex Basic edition enables you to set up form templates to capture attribute rich and accurate data in the field.	If you have existing utility or GIS data and need to keep that information up to date, TerraFlex Advanced edition* enables you to import that data and update it in the field. * Basic edition functionality is available with the Advanced edition.

DATA COLLECTION
Point, line, polygon

Field types:
- Numeric (standard numeric input plus measurements fields):
  - Length – imperial and metric
  - Angles – degrees
- Text
- Date
- Selection field:
  - Single Choice/Radio button
  - Multiple Choice/ Check box
- Boolean/Yes/No
- Images and signature capture
- Conditional rules
- Metadata fields (user, device, accuracy, DOP)
- Accuracy based logging
- Position required for logging
- Collect nested features

Import
- Shapefile[1]

Export
- KML/KMZ
- CSV
- Esri file geodatabase
- Shapefile

REMOTE FEATURE CAPTURE
- Distance bearing
- Distance distance

BACKGROUND MAPS
- Trimble street and satellite basemaps
- Offline basemaps powered by Trimble data

DATA UPDATE[1]
- Import existing data from shapefiles
- Create field collection templates from imported data
- Create tasks
- Track task progress
- Update feature geometry
- Update feature attributes
- Navigate to feature

DEVICE SUPPORT

Handhelds:
- Trimble Geo 7X handheld including integrated laser rangefinder support
- Trimble TDC150 handheld
- Trimble TDC600 handheld
- Trimble TDC100 handheld
- Trimble Nomad® 5 handheld
- Trimble T10 tablet
- Trimble T7 tablet
- Android v4.4 or later
- iOS 8 or later

GNSS receivers:
- Trimble R2, R1
- Trimble R10 Model 1, R8s[2]
- Trimble R10 Model 2
- Trimble R12
- Trimble Catalyst[3]
- Trimble EMPOWER EM100 module

Laser Rangefinders:
- LTI TruPulse 200 series & 360°series laser rangefinders[4]

AVAILABLE LANGUAGES
- English
- French
- German
- Spanish (Latin America)

[1] Advanced edition only
[2] R10 Model 1 and R8s GNSS receivers not available with iOS
[3] Select Android and Trimble devices only
[4] LTI TruPulse 360° laser rangefinders only supported on Android and Windows platforms.

Specifications subject to change without notice.

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